

## WER Working Group – March 24

### Agenda/Process Development

WER Work Group Meeting, March 24, 10 am, Hearing Room A, California Energy Commission, 1516 9th St., Sacramento

Webcast address: <http://www.energy.ca.gov/webcast/index.html>

Teleconference call-in number (toll-free): 888-396-9929, Passcode: TRASK CALL  
Conference Leader: Matt Trask

The focus of this session is on questions 4 and 5 in the list of key questions distributed in the noticing material for the WER Study Workshop, which are:

- 4a. What water use efficiency or conservation methods are or will be implemented by water agencies?
- 4b. How does implementing these impact energy demand?
- 5a. What actions can be taken to *improve the effectiveness of existing CEC programs* such as efficiency and forecasting programs to assist water management agencies to use energy more efficiently or aid in fostering more efficient and effective use of California's water resources?

### Open Session 10 a.m. – lunch

#### **A. Conveyance, storage, treatment, distribution, wastewater treatment & disposal**

- 1. List current strategies/options:
  - Water conservation programs
  - Energy efficiency programs in water sector
  - Peak load reduction measures
  - Electric power production in water sector
  - Others?
- 2. Per attached tables, list your top three ideas to manage (or reduce net) energy use in the water sector. (striving to reduce economic, social and environmental impacts that arise from the interaction of water and energy)
  - Water conservation programs

- Energy efficiency programs in water sector
- Peak load reduction measures
  - a. *Promote storage via standardized water tank concept (MT idea)*
  - b. ?
- Electric power production in water sector
- Others?

## **B. End use**

1. List current options:

- Water conservation programs
- Energy efficiency programs in water sector
- Peak load reduction measures

2. What are your top three ideas to manage (or reduce net) energy use in the water sector? (striving to reduce economic, social and environmental impacts that arise from the interaction of water and energy)

- Water conservation programs
  - a.
- Energy efficiency programs in water sector
  - a.
- Peak load reduction measures
  - a. *Storage on rooftops for commercial/industrial customers (MT idea)*
  - b.
- Electric power production in water sector
  - a.

**lunch – Approximately 2 p.m.**

### ***Developing “Bang for the Buck” Criteria for Ranking Programs/Ideas***

- Amount of energy and water use reduction
- Cost effectiveness
- Ease of implementation
- Institutional and other barriers (general and specific)
- Others?

**Approx. 2 p.m. – end**

***Ideas on overcoming barriers***

What can the Energy Commission do to more effectively promote effective energy management and planning in the water sector, and to promote water and energy-related efficiency and conservation on the customer side of the meter?

What can other state agencies, the Legislature or the Governor's Office do?

What can utilities and water agencies do?

### Ranking Criteria

1. List current strategies (existing situation) within two general categories: (1) end use and (2) others
2. Identify important criteria for determining strategies that should receive immediate focus. Criteria should include the good ( $\uparrow$ ), the neutral ( $\leftrightarrow$ ), and the ugly ( $\downarrow$ ). The latter should ferret out *key barriers* to implementing a strategy.
3. List proposed (e.g., your top three) strategies (to improve upon the existing situation).
4. Indicate where they fall in relation to the criteria, or some evaluation measure.

<b>Proposed Strategies for End Use</b> (step 3)	(step 2) <b>Criteria To Consider</b> (may be $\uparrow$ , $\leftrightarrow$ or $\downarrow$ )					<b>Summary/Comment</b> (step 5)
	Criterion a	Criterion b	Criterion c	Criterion d	Criterion e	
Strategy 1	(step 4)					
Strategy 2						
Strategy 3						
Strategy 4						
Strategy x						
Strategy y						

<b>Proposed Strategies for Conveyance, storage, treatment, distribution, wastewater treatment and disposal (step 3)</b>	<b>(step 2) Criteria To Consider (may be + or -)</b>					<b>Summary/Comment (step 5)</b>
	Criterion a	Criterion b	Criterion c	Criterion d	Criterion e	
Strategy 1	(step 4)					
Strategy 2						
Strategy 3						
Strategy 4						
Strategy x						
Strategy y						
Strategy z						